

In the Claims:

1. (Currently amended) A process for assembling wave-cut trash bags for overlapping dispensing including the steps of:
 - providing a flattened blown-film polymeric tube;
 - providing sets of closely spaced, parallel seals extending transversely across the entire width of the flattened blown-film polymeric tube at equally spaced intervals therealong;
 - providing a line of perforations extending transversely across the entire width of the flattened blown-film polymeric tube between the closely spaced, parallel seals comprising each set thereof;
 - providing a ~~wave-shaped~~ wave-shaped line of perforations extending across the entire width of the flattened blown-film polymeric tube at a location equidistant from each of the closely spaced, parallel sets of seals;
 - folding the flattened blown-film polymeric tube axially into a multi-layer, fractional width configuration;
 - positioning a signal receiving target between the layers of the folded flattened blown-film polymeric tube;
 - directing a signal through the transversely extending line of perforations positioned between the closely spaced, parallel seals and through the perforations comprising the wave-cut line of perforations and thereby locating each end of each trash bag comprising the flattened blown-film polymeric tube;
 - applying opposed axially directing forces to the flattened blown-film polymeric

tube and thereby separating the trash bags comprising the flattened blown-film polymeric tube at each of the transversely extending line of perforations positioned between the closely spaced, parallel seals;

following the separation step, positioning the leading sealed end of the following trash bag comprising the flattened blown-film polymeric tube in an overlapping relationship with the trailing sealed end of the preceding trash bag comprising the flattened blown-film polymeric tube;

applying opposed axially directing forces to the flattened blown-film polymeric tube and thereby separating the trash bags comprising the flattened blown-film polymeric tube along each ~~wave-shaped~~ wave-shaped line of perforations formed therein;

following the separating step positioning the leading wave-cut end of the following trash bag comprising the flattened blown-film polymeric tube in an overlapping relationship with the wave-cut trailing end of the preceding trash bag comprising the flattened blown-film polymeric tube; and

rolling the trash bags comprising the flattened blown-film polymeric tube into a roll with the sealed end of each following trash bag in the roll overlapping the sealed end of each preceding trash bag in the roll and with the wave-cut open end of each following trash bag in the roll overlapping the wave-cut open end of the preceding trash bag in the roll.

2. (Original) The roll of trash bags constructed in accordance with claim 1.

3. (Original) The process according to claim 1 wherein the step of directing a signal through the perforations formed in the flattened blown-film polymeric tube is carried out by directing an electromagnetic beam through the perforations formed in the flattened blown-film polymeric tube.

4. (Original) The process according to claim 1 wherein the step of directing a signal through the perforation formed in the flattened blown-film polymeric tube is carried out by directing an electric spark through the perforations formed in the flattened blown-film tube.

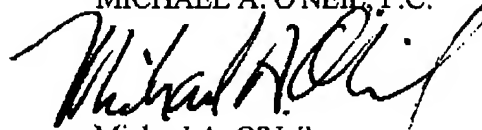
5. (Currently amended) The process according to claim 1 wherein the ~~wave shaped~~ wave-shaped lines of perforations which are formed in the flattened blown-film polymeric tube to define the open ends of the trash bags comprising the flattened blown-film polymeric tube are arranged in accordance with a predetermined pattern which eliminates force concentrations when the opposed axially directed forces are applied to the flattened blown-film polymeric tube to separate the trash bags comprising the flattened blown-film polymeric tube along the ~~wave shaped~~ wave-shaped lines of perforations formed therein.

6. (Original) The process according to claim 1 is further characterized by applying a predetermined electrostatic charge to the wave-cut ends of the trash bag comprising the flattened blown-film polymeric tube prior to the step of positioning the leading wave-cut end of the following trash bag in an overlapping relationship to the trailing wave-cut end of the preceding trash bag comprising the flattened blown-film polymeric tube.

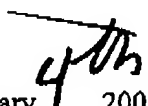
It is believed that no fee is due. If this is incorrect, the Commissioner is hereby authorized to charge any fees which may be required by this paper to Deposit Account No. 50-0856.

Respectfully submitted,

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